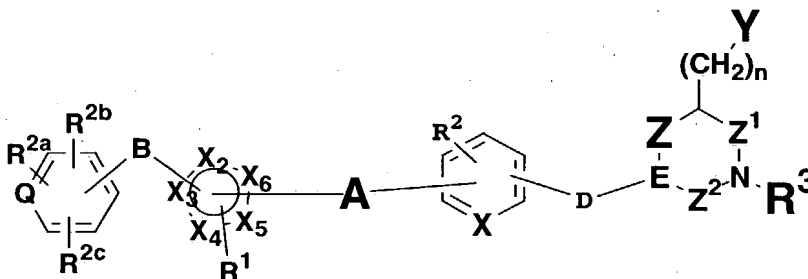


SUBSTITUTED HETEROCYCLIC DERIVATIVES USEFUL AS  
ANTIDIABETIC AND ANTI OBESITY AGENTS AND METHOD

Abstract of the Disclosure

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wherein  $Z^1$  is  $(CH_2)_q$  or  $C=O$ ;

$Z^2$  is  $(CH_2)_p$  or  $C=O$ ;

10  $D$  is  $-CH=$  or  $C=O$  or  $(CH_2)_m$  where  $m$  is 0, 1, 2 or 3;

$n = 0, 1$  or  $2$ ;  $p = 1$  or  $2$ ;  $q = 0, 1$  or  $2$ ;

$Q$  is  $C$  or  $N$ ;

$A$  is  $(CH_2)_x$  where  $x$  is 1 to 5, or  $A$  is  $(CH_2)_{x^1}$ ,

where  $x^1$  is 1 to 5 with an alkenyl bond or an alkynyl

15 bond embedded anywhere in the chain, or  $A$  is  $-(CH_2)_{x^2}-O-$

$(CH_2)_{x^3}-$  where  $x^2$  is 0 to 5 and  $x^3$  is 0 to 5, provided that

at least one of  $x^2$  and  $x^3$  is other than 0;

$B$  is a bond or is  $(CH_2)_{x^4}$  where  $x^4$  is 1 to 5;

$X$  is  $CH$  or  $N$ ;

20  $X_2$  is  $C, N, O$  or  $S$ ;

$X_3$  is  $C, N, O$  or  $S$ ;

$X_4$  is  $C, N, O$  or  $S$ ;

$X_5$  is  $C, N, O$  or  $S$ ;

$X_6$  is  $C, N, O$  or  $S$ ;

25 provided that at least one of  $X_2, X_3, X_4, X_5$  and  $X_6$  is  $N$ ; and

at least one of  $X_2, X_3, X_4, X_5$  and  $X_6$  is  $C$ .

$R^1$  is  $H$  or alkyl;

$R^2$  is  $H$ , alkyl, alkoxy, halogen, amino, substituted amino or cyano;

$R^{2a}$ ,  $R^{2b}$  and  $R^{2c}$  may be the same or different and are selected from H, alkyl, alkoxy, halogen, amino, substituted amino or cyano; and

$R^3$ , E, Z and Y are as defined herein.

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